



Tuesday

April 17

4:00 P.M.

Rm 415 NSH

Flavor Gauge Models below the Fermi Scale

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In this talk I will show how flavor dependent gauge symmetries could be manifest below the Fermi scale.

Specifically, we construct and analyze an explicit, renormalizable model with a gauge boson with mass at the MeV-GeV scale, and which corresponds to the $B - L$ symmetry of the third family. The proposed framework provides interesting connections between neutrino oscillations, flavor and collider physics.